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CARDIFF RURAL DISTRICT COUNCIL

*ANNUAL REPORT*  
OF THE  
*MEDICAL OFFICER OF HEALTH*

for the Year

*1956*

**G. McKIM THOMAS**

M.R.C.S., L.R.C.P., L.D.S. (Eng.), D.P.H. (Lond.),  
MEDICAL OFFICER OF HEALTH

# Public Health Officers, 1956

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Medical Officer of Health :

G. McKIM THOMAS,

M.R.C.S., L.R.C.P., L.D.S. (Eng.) D.P.H. (Lond.)

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Senior Public Health Inspector

WM. DAVIES, A.R.S.I., M.S.I.A. ... No. 2 District (Radyr)

Public Health Inspectors

H. WILLIS, A.R.S.I., M.S.I.A. ... No. 1 District (Whitchurch)

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A. M. REES, D.M.A

K. G. TADD

Rodent Operatives :

T. J. RICHARDS

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Vice-Chairman : H. L. EDMUNDS, ESQ.

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# Cardiff Rural District Council

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Health Department,  
Park House,  
20, Park Place,  
Cardiff.

To the Chairman and Members of the  
Cardiff Rural District Council.

Ladies and Gentlemen,

It is my pleasure to present my Annual Report on the health and sanitary circumstances of the district for the year 1956. The report is prepared on the lines indicated in Circular 19/56 of the Welsh Board of Health and deals with vital statistics and social conditions of the area, health services, water supply, drainage, public cleansing, housing, atmospheric pollution, food hygiene, and other matters concerning the public health.

During the year the total number of notifications of infectious diseases was 276 which was less than for the previous year when the total was 867 cases. The difference was mainly due to a smaller number of measles notifications.

Further progress has been made in providing more new houses in the district and a table showing the different types will be found in the body of the report. A great deal of consideration has been given to the question of building multi-storied flats in the parish of Whitchurch. It is hoped that by the provision of this type of accommodation the needs of the remaining applicants on the Whitchurch housing list will be very largely met, and furthermore, it will certainly assist in conserving agricultural land and what remains of potential building sites.

A number of areas, particularly in the parish of Penttyrch, have been cleared of unfit and worn-out properties; this has caused an alteration in the appearance of the old village but it is one which will not be regretted by the tenants of the old houses who have been provided with new dwellings with all modern amenities.

The new houses which have been provided have been arranged on the hillside in such a manner as to preserve the community of interest of the former village.

Whilst dealing with housing I am pleased to record that an increased number of properties have been reconditioned during the year both by way of Improvement Grants and without grants. Many of these reconditionings which have taken place have been carried out in a very attractive manner.

The number of caravans sited along the coast shows that the demand for this mode of living during the summer months is being maintained and the standard of vehicle that is in use is generally very high ; the camping sites are run in a most satisfactory manner.

In addition to the camps sited along the coastline there is a residential caravan site in the parish of Michaelston-le-Pit which is used by permanent caravan dwellers throughout the year. Here the standard of requirements are more strict in that additional amenities are required such as hard standings, baths, and wash-houses. At the end of the year some of these facilities were still under construction.

With one exception the service camps which were taken over by the Council in the post-war period have been cleared of occupiers and there are now only five families remaining to be re-housed. It is unfortunate that some of the former sites have been left in a very derelict condition and are an eyesore in the district.

During the year there has been a restriction in certain capital expenditure and consequently a number of sewerage schemes which had been considered by the Council had to be deferred. Some of these schemes were thought to be more urgent than others and so an appeal was made to the Ministry of Housing and Local Government for them to be further considered. As a result the schemes for St. Fagans, Waterloo Terrace, Peterston-super-Ely, Wernddu, and Salem Row have all been permitted to be proceeded with. By providing these new facilities some of the unsatisfactory conditions will be removed from our district.

For many years one has felt the need for better facilities in food preparing premises and by regulations which have now been introduced, some in January, 1956, and others in July, 1956, much needed stimulus has been given to ensuring that conditions under which food is prepared are improved. As a result of the recent inspections which have been carried out by your officers these regulations have helped considerably by improving sanitary and other conditions in shops and catering establishments.

Finally, the year has been notable for the passing of the Clean Air Act, 1956, which has given local authorities urgently needed powers for the prevention of the pollution of the atmosphere.

I trust that the Members of the Council will agree, after perusal of this report, that 1956 was a year of steady progress in providing improved facilities for healthy living in the district.



## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA

#### (i) General Statistics.

Area—acres	...	...	...	...	...	...	59,835
Estimated resident Population, mid 1956							
(Registrar General's estimate)	...	...					38,000
No. of inhabited houses	...	...	...	...	...		12,341
Rateable value of the district	...	...	...	...	...		£509,484
Sum represented by the Id. rate	...	...	...	...	...		£2,060 (estd.)

#### (ii) Social Conditions

The District is composed of both urban and rural communities and in Whitchurch parish the estimated population is approximately 22,000 persons; the remainder is mainly rural. There are about 500 farms and smallholdings in the area and there is a wide variety of agricultural activity including milk production carried on.

The industries are as follows :—

1. British Railways (Western Region) Locomotive Repair Department, Van.
2. Blaengwynlais Quarry, Whitchurch.
3. Cwmleyshon Quarry, Rudry.
4. Cefn On Basic and Dolomite Works, Van.
5. Cecil Sweet Factory, Whitchurch.
6. Edgefield Engineering Factory, Whitchurch.
7. John Rigg Cases Co., Tongwynlais.
8. G. T. Utley & Co., Ltd., Precision Engineers, Tongwynlais.
9. D. S. Metal Craft Ltd., Tongwynlais.
10. Melingriffith Tin Plate Works, Whitchurch.
11. Taffs Well Dolomite Co., Pentyrech.
12. Tynant Quarries, Radyr.
13. Creigiau Quarries, Creigiau.
14. Tudor Morgan & Son, Timber Merchants, Whitchurch.
15. Maberley Parker & Co., Public Works Contractor, Whitchurch.
16. British Portland Cement Manufacturers, Lavernock.
17. Aberthaw and Bristol Channel Portland Cement Co., Aberthaw.
18. Aberthaw and Bristol Channel Portland Cement Co., Rhoose.
19. Turners Asbestos Cement Co., Rhoose.
20. Seth Hill & Son, Pantyffon Quarry, Bonvilston.
21. Lavernock Quarries, Ltd., Lavernock.
22. St. Andrew's Quarry Co., St. Andrews.
23. Wenvoe Quarries (1927) Ltd., Wenvoe.
24. Greenwood Bros., Lime Stone Quarry, Wenvoe.
25. Whitehall Quarries, Walston, Wenvoe.
26. British Geon, Sully.
27. Coates Bros. Synthetic Resin Manufacturers, Machen.
28. Llandaff North Engineering Co., Whitchurch.



(iii) **Extracts from Vital Statistics**

				M	F	Total
1. <b>Deaths</b> (all ages)	...	...	...	280	235	515
Death rate per 1,000 of the estimated resident population						13·55
2. <b>Live births</b> —legitimate	...	...	...	284	274	558
illegitimate	...	...	...	7	7	14
Birth rate per 1,000 of estimated resident population :						
Live births—legitimate and illegitimate						15·05
3. (a) <b>Stillbirths</b> —legitimate	...	...	...	7	6	13
illegitimate	...	...	...	—	—	—

**Birth rate per 1,000 births of estimated resident population**

(b) Still births—legitimate—expressed per 1,000 live legitimate births	...	...				23·29
Still births—illegitimate—expressed per 1,000 live illegitimate births	...	...				0·0

4. (a) **Deaths of Infants under 1 year**

Legitimate	...	...	...	9	7	16
Illegitimate	...	...	...	—	—	—

(b) Death of infants under 1 year :						27·79
Death of legitimate infants—expressed per 1,000 live legitimate births	...					28·67
Death of illegitimate infants—expressed per 1,000 live illegitimate births						0·0

5. **Number of Maternal Deaths** ... —

6. **Neonatal Mortality**

Deaths of Infants under 4 weeks of age	7	5	12
Legitimate	...	...	...
Illegitimate	...	...	...
Rate per 1,000 live births	...		20·97

TABLE II

**CAUSES OF INFANT DEATHS AT VARIOUS  
AGES DURING 1956**

Diseases	hrs. 24	Weeks				Total 1st M'th	Month				Total
		1	2	3	4		1-3	3-6	6-9	9-12	
Broncho-pneumonia ..	—	—	—	—	—	—	2	—	—	—	2
Prematurity ..	2	2	—	—	—	4	—	—	—	—	4
Atelectasis ..	3	2	1	—	—	6	—	—	—	—	6
Cerebral anoxia ..	—	1	—	—	—	1	—	—	—	—	1
Cerebral haemorrhage ..	—	1	—	—	—	1	—	—	—	—	1
Alkalosis ..	—	—	—	—	—	—	1	—	—	—	1
Paratyphoid "B" meningitis ..	—	—	—	—	—	—	1	—	—	—	1
<b>TOTALS</b> ..	<b>5</b>	<b>6</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>16</b>

### Birth Rate

A large proportion of births to mothers who are resident in the Rural Area takes place elsewhere than in the home, in other words, it has become more general for the confinement to take place in either a maternity hospital or a maternity nursing home.

It will be seen that during 1956 572 notifications of births were received but of this number only 194 took place within the district, i.e., 34%. As compared with 1955 this means a slight reduction, the figure then was 37%.

### Infantile Mortality Rate

By this is meant the number of infants who for some cause or another do not survive the first year of life. This year the number was 16 which gives a mortality rate of 27·97. The figure for the Administrative County as a whole was 30·27.

TABLE I.

## GLAMORGAN (ADMINISTRATIVE COUNTY)—VITAL STATISTICS, 1956

					Estimated Population 1956	Births		Deaths		Infant Mortality		Neo Natal Mortality	
						Number of Births	Rate per 1,000 Population		Number of Deaths	Rate per 1,000 Population		Deaths under 1 Year	Rate per 1,000 Live Births
							Crude	Adjusted		Crude	Adjusted		Rate per 1,000 Live Births
England and Wales .. .. .					—	—	15.70	—	—	11.70	—	—	23.80
Administrative County .. .. .					738,000	11,629	15.76	15.60	9,053	12.27	13.99	352	30.27
Urban Districts .. .. .					534,500	8,574	16.04	15.88	6,533	12.22	14.05	257	29.97
Rural Districts .. .. .					203,500	3,055	15.01	15.31	2,520	12.38	13.49	95	31.10
<b>Health Division</b> .. .. .													
<b>Constituent Districts</b> .. .. .													
Aberdare and .. .. .					40,240	563	13.99	14.55	622	15.46	15.61	16	28.42
Mountain Ash .. .. .					30,670	462	15.06	14.91	390	12.72	15.39	12	25.97
Caerphilly and .. .. .					37,110	764	20.59	19.56	407	10.97	14.70	21	27.49
Gelligaer .. .. .					36,210	644	17.79	18.32	422	11.65	14.68	31	48.14
Mid-Glamorgan .. .. .					14,500	261	18.00	17.10	154	10.62	11.26	9	34.48
Bridgend Urban .. .. .					22,660	373	16.46	16.62	232	10.24	13.00	9	24.13
Maesteg Urban .. .. .					22,240	360	16.19	16.35	273	12.28	14.74	12	33.33
Ogmore and Garw Urban .. .. .					9,980	134	13.43	13.83	140	14.03	12.07	5	37.31
Porthcawl Urban .. .. .					35,270	535	15.17	15.17	499	14.15	12.59	23	42.99
Penybont Rural .. .. .					31,250	457	14.62	13.60	360	11.52	13.02	12	26.26
Neath and .. .. .					41,350	589	14.24	13.96	470	11.37	14.44	17	28.86
District .. .. .					25,700	426	16.58	15.92	271	10.54	13.49	14	32.86
Llantrisant Rural .. .. .					37,700	537	14.24	13.67	466	12.36	13.35	10	18.62
Pontypridd and .. .. .					37,700	537	14.24	13.67	466	12.36	13.35	10	18.62
Llantrisant .. .. .					9,660	216	22.36	21.91	107	11.08	15.84	8	37.04
Port Talbot and .. .. .					47,130	883	18.74	18.18	496	10.52	13.57	25	28.31
Glyncorrwg .. .. .					47,130	883	18.74	18.18	496	10.52	13.57	25	28.31
Port Talbot M.B. .. .. .					41,920	731	17.44	16.74	448	10.69	11.76	23	31.46
Barry M.B. .. .. .					41,920	731	17.44	16.74	448	10.69	11.76	23	31.46
South East .. .. .					38,000	572	15.05	15.80	515	13.55	11.65	16	27.97
Glamorgan .. .. .					1,030	13	12.61	13.25	19	18.45	19.19	—	—
Cardiff Rural .. .. .					19,240	309	16.06	17.99	141	7.33	12.75	7	22.65
Cowbridge M.B. .. .. .					19,240	309	16.06	17.99	141	7.33	12.75	7	22.65
Cowbridge Rural .. .. .					19,040	303	15.91	15.75	241	12.66	11.77	7	23.10
Penarth Urban .. .. .					11,890	185	15.56	16.49	147	12.36	10.38	6	32.43
West Glamorgan .. .. .					11,890	185	15.56	16.49	147	12.36	10.38	6	32.43
Gower Rural .. .. .					25,760	349	13.55	13.96	310	12.03	14.08	12	34.38
Llwehwr Urban .. .. .					25,760	349	13.55	13.96	310	12.03	14.08	12	34.38
Pontardawe Rural .. .. .					32,050	439	13.70	13.97	477	14.88	16.07	12	27.33
Rhondda .. .. .					32,050	439	13.70	13.97	477	14.88	16.07	12	27.33
Rhondda M.B. .. .. .					107,400	1,524	14.19	13.91	1,446	13.46	15.61	45	29.53



TABLE III

**BIRTHS**

The number of births and the birth rate in the District for the past ten years is shown in the following table :—

Year		Births		Birth-rate
1947	...	582	...	15·8
1948	...	525	...	14·8
1949	...	434	...	12·0
1950	...	462	...	12·4
1951	...	454	...	12·7
1952	...	433	...	12·1
1953	...	483	...	13·21
1954	...	481	...	12·90
1955	...	491	...	13·11
1956	...	572	...	15·05

The following is a table of the principal diseases and causes of death which were registered in the district in the year under review :—

TABLE IV  
CAUSES OF DEATH IN THE CARDIFF RURAL DISTRICT  
DURING 1956

CAUSES	M.	F.
All Causes .. .. .	280	235
Typhoid and Paratyphoid .. .. .	—	—
Measles .. .. .	—	—
Scarlet Fever .. .. .	—	—
Whooping Cough .. .. .	—	1
Diphtheria .. .. .	—	—
Influenza .. .. .	—	—
Encephalitis Lethargica .. .. .	—	—
Acute Poliomyelitis .. .. .	—	—
Cerebro-Spinal Fever .. .. .	—	—
Tuberculosis of the Respiratory System .. .. .	5	3
Other Tuberculous Diseases .. .. .	—	—
Syphilis .. .. .	4	—
Cancer, Malignant Diseases .. .. .	37*	37*
Malignant neoplasm of the lungs and bronchus .. .. .	19	1
Diabetes .. .. .	1	—
Vascular Lesions of Nervous System .. .. .	38	39
Coronary diseases, angina .. .. .	51	29
Hypertension, with heart disease .. .. .	2	6
Other heart diseases .. .. .	28	21
Other Circulatory Diseases .. .. .	17	20
Bronchitis .. .. .	15	4
Pneumonia .. .. .	11	4
Other Respiratory Diseases .. .. .	2	1
Peptic Ulcer .. .. .	3	1
Gastritis, enteritis and diarrhoea .. .. .	—	—
Nephritis .. .. .	4	1
Other Infective and parasitic diseases .. .. .	—	2
Leukaemia, aleukaemia .. .. .	1	3
Hyperplasia of Prostate .. .. .	10	—
Pregnancy, Childbirth, Abortions .. .. .	—	—
Other Maternal Causes .. .. .	—	—
Premature Birth, Malformations, Birth Injuries and Infant Diseases .. .. .	—	1
Suicide .. .. .	1	3
Road Traffic .. .. .	5	2
Other Violent Causes .. .. .	4	3
Causes ill-defined or unknown .. .. .	22	38
Death of Infants under 1 year .. .. .	9	7
Legitimate .. .. .	9	7
Illegitimate .. .. .	—	—
Live Births .. .. .	291	281
Legitimate .. .. .	284	274
Illegitimate .. .. .	7	7
Still Births .. .. .	7	6
Legitimate .. .. .	7	6
Illegitimate .. .. .	—	—

\* This figure continues to be high because of a change in the registration of deaths which now includes mental and cancer patients at Whitechurch Hospital which were normally non-resident in our area.



TABLE V

## TABLE SHOWING AGE OF DEATH

IN THE

## CARDIFF RURAL DISTRICT

Age	Male					Female					Total				
	1952	1953	1954	1955	1956	1952	1953	1954	1955	1956	1952	1953	1954	1955	1956
Under 1	7	4	6	5	9	4	4	4	5	7	11	8	10	10	16
5	0	2	2	1	1	0	2	2	3	5	0	4	4	4	6
10	1	3	3	3	0	1	4	0	0	0	2	7	3	3	0
15	1	0	1	0	0	0	1	1	0	0	1	1	2	0	0
20	0	1	0	2	1	1	0	2	1	1	1	1	2	3	2
25	0	1	0	1	4	0	1	1	2	1	0	2	1	3	5
30	1	0	2	1	4	0	3	3	1	0	1	3	5	2	4
35	1	2	2	4	3	2	1	7	2	4	3	3	9	6	7
40	5	2	4	6	4	2	3	2	2	8	7	5	6	8	12
45	5	7	6	4	5	4	2	2	7	9	9	9	8	11	14
50	0	9	9	10	13	9	8	6	4	14	9	17	15	14	27
55	13	17	12	18	13	10	14	8	10	13	23	31	20	28	26
60	21	24	25	33	21	12	16	13	18	22	33	40	38	51	43
65	20	47	44	39	34	13	19	19	19	16	33	66	63	58	50
70	30	32	30	29	38	18	26	31	36	24	48	58	61	65	62
75	35	33	40	46	43	25	29	42	35	29	60	63	82	81	72
80	27	34	40	30	35	25	38	36	40	38	52	72	76	70	73
85	27	23	29	26	36	20	24	32	32	24	47	47	61	58	60
90	17	9	15	11	11	20	14	13	20	10	37	23	28	31	21
95	1	0	1	5	5	5	4	3	10	10	6	4	4	15	15
100	0	0	0	0	0	0	0	1	2	0	0	0	1	2	0
Over 100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	212	250	271	274	280	171	211	228	249	235	383	461*	499*	523*	515*

Percentage of Deaths over 65 years of age 1950 : 63

" " " " " " " " 1951 : 69

" " " " " " " " 1952 : 74

" " " " " " " " 1953 : 72

" " " " " " " " 1954 : 73

" " " " " " " " 1955 : 62

" " " " " " " " 1956 : 59

\* See note on page 10.

## SECTION B

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

#### Public Health Laboratory Facilities

Examination of pathological specimens and bacteriological examination of ice-cream, milk and water supplies are carried out by the Public Health Laboratory Service, The Parade, Cardiff.

Chemical analysis of sewage effluents, water samples and ice cream continue to be made by the Cardiff and County Public Health Laboratory of the same address.

#### (a) Examination of Pathological Specimens during the Year

Nature of Specimen	No. of Specimens Examined	Negative	Positive
Swabs for Haemolytic Streptococci ..	21	15	6
Swabs for Diptheria .. ..	21	21	—
River Water for Paratyphoid "B" ..	11	—	11
River Water for Salmonella typhi murium .. .. .	6	1	5
Canal Water for Salmonella Organisms..	7	1	6
Swabs for Dysentery .. ..	667	553	114
Swabs for Enteric .. ..	28	28	—
Vaginal Swab .. ..	1	—	1
Cooked Meat for Organisms .. ..	1	1	—
Pus for Organisms .. ..	4	—	4
Ham for Organisms .. ..	3	2	1
Urine for Pus .. ..	4	4	—
Cream for Organisms .. ..	2	2	—
Vomit for Food Poisoning Organisms ..	1	1	—
Porage for Dysentery .. ..	1	1	—
Sputum for Tubercle Bacilli .. ..	1	1	—
<b>TOTALS .. .. .</b>	<b>779</b>	<b>631</b>	<b>148</b>

#### (b) Ambulance Services

Medical practitioners in the district are able to use the service of the Health Department in securing the removal of infectious disease cases, where necessary, and their accommodation in hospital. On request, the Health Department contacts the appropriate hospital and arranges, through the County Ambulance Service, for an ambulance to be provided.

### (c) Tuberculosis Clinics

There are three centres at which patients from your district can attend for examination and treatment. They are situated at No. 20, Cathedral Road, Cardiff; "Glenview," Court House Street, Pontypridd, and Amy Evans Memorial Hospital, Barry.

At these centres, examinations including X-ray and tests, are carried out by the Chest Physicians. The examinations are not confined to persons who are actually suffering from tuberculosis but a large number of contacts also are examined so that any evidence of tubercular infection may be detected as early as possible, so giving the patients a better opportunity of being cured.

It has been the practice for years past in all notifications of non-pulmonary tuberculosis to examine the milk supply for the presence of tubercle bacilli.

#### **Cardiff Hospital Management Committee Chest Clinic** **20, Cathedral Road,** **Cardiff**

##### **TIME TABLE**

NEW PATIENTS		OLD PATIENTS	
(By appointment)		(By appointment)	
Monday	} 2.0 p.m.—4.0 p.m.	Monday	9.30 a.m.—12.30 p.m.
Friday		Wednesday	2.30 p.m.—6.0 p.m.
Tuesday		} 9.30 a.m.—12.30 p.m.	Thursday
Wednesday			

##### **CONTACTS**

(No appointment necessary)

Monday } 2.0 p.m.—4.0 p.m.  
Friday }

#### **GENERAL PRACTITIONER CHEST RADIOGRAPHY SERVICE** (No appointment necessary)

**MALES** Tuesday 2.0 p.m.—4.0 p.m.  
**FEMALES** Thursday 2.0 p.m.—4.0 p.m.

## VENEREAL DISEASES

During the year posters were displayed in public conveniences in the district giving details of treatment centres, which are as follows :

### (a) Barry Area

The Clinic, Woodlands Road, Barry

#### *Males*

Tuesday 5 p.m.-7.30 p.m.  
Friday 10 a.m.-1 p.m.

#### *Females*

Tuesday 2 p.m.-5 p.m.  
Friday 2 p.m.-4.30 p.m.

### (b) Cardiff Area

Cardiff Royal Infirmary

#### *Males*

Monday 5.30 p.m.-7.0 p.m.  
Thursday 10 a.m.-11.30 a.m.  
5.30 p.m.-7.0 p.m.

#### *Females*

Tuesday 10 a.m.-12 noon  
Wednesday 4 p.m.-6 p.m.  
Friday 2 p.m.-4 p.m.

Royal Hamadryad Hospital

#### *Males*

New Cases Daily 10 a.m.-12 noon

Monday

Wednesday Old Patients 10 a.m.-12 noon  
Friday

### (c) Pontypridd Area

Graig Hospital, Courthouse Street, Pontypridd

#### *Males*

Tuesday 10 a.m.-12.30 p.m.  
2 p.m.-4.30 p.m.

Wednesday 2 p.m.-4.30 p.m.  
6 p.m.-8 p.m.

Friday 10 a.m.-12.30 p.m.  
6 p.m.-8 p.m.

#### *Females*

Monday 2 p.m.-4.30 p.m.  
5 p.m.-7 p.m.

Thursday 10 a.m.-12.30 p.m.  
2 p.m.-4.30 p.m.

## SECTION C

### SANITARY CIRCUMSTANCES OF THE AREA WATER SUPPLY

The year 1956 presented difficulties to many water authorities because during the Summer months reservoirs reached an unusually low level due to lack of rainfall in the early part of the year. The Council were fortunate in those areas of limited supply by being in a position to turn on water from other undertakings. This applied to Pentyrch, Creigiau and Llanilterne. There is a need for a greater reservoir supply at Gwaelodygarth where springs of good quality and constant yield are running to waste. This matter is receiving the attention of the Council at the present time.

Tests taken regularly from each of the supplies throughout the district have shewn a good standard of purity. The few instances where unsatisfactory results were obtained indicated a bacterial count only slightly below the prescribed standards. A table giving the results of tests appears on page 16A.

Complaints of poor pressure in the supply were received from several occupants of premises in Mill Road, Tongwynlais. This is considered to be due to the corrosive condition of the mains pipes and arrangements are being made to have them scraped, a process which has yielded good results in other parts of the district.

One of the progressive features in the sanitary circumstances of the area during the past few years has been the elimination of the street tap system of water supply. Your Officers have persisted in their efforts to secure a supply on to each premises, and in the majority of cases, into the dwellinghouses. Only a few houses remain to be connected and these are situated in Gwaelodygarth, Welsh St. Donatts and the Parish of Rudry. I would also point out that in addition to securing water into the dwellinghouses, there has been a satisfactory measure of progress in securing water into shop premises particularly where open food is handled. This task has been difficult in some cases and statutory action had to be taken to secure the necessary standards.

A table giving particulars of the number of houses provided with a mains supply or dependent on wells and springs appears on page 16B. It is gratifying to note the progress made during the past few years in extending mains to supply the more remote parts of the district.

I am obliged to Mr. S. P. Youldon, your Engineer and Surveyor, for the following particulars :—

The following watermain extension schemes were carried out and completed in 1956 :

Peterston-super-Ely	...	Duffryn Mawr to Ffoscrydd.
Rhoose	...	Stewarts Road.
		Kemeys Road.
		Wesley Avenue.

### **Improved Water Supplies**

The Council continued their programme for improving supplies by scraping and relining the watermain from Salem Row to Gwaelodygarth.

Additional supplies have been obtained in the Rhoose area by connecting to the new Barry watermain supplying water to the East Aberthaw Power Station. A further connection is to be made at Fonmon early in 1957.

Improved supplies should be obtained in the Gwaelodygarth area in 1957 by the construction of a 11,000 gallon storage tank.

### **DRAINAGE AND SEWERAGE**

It appeared at the beginning of the year that several essential schemes of drainage and sewerage would have to be deferred due to the limitations placed by the Government on capital expenditure. The Council prepared a list of priorities and voluntarily excluded those schemes which were considered least important. The list submitted was further reduced by the Welsh Department of the Ministry of Housing and Local Government, but the Council were of the opinion that some of the schemes deferred by the Ministry should proceed without delay because of their importance to public health. The Ministry were asked to receive a deputation from the Council and at the meeting it was pointed out in the case of St. Fagans that approximately 70,000 people visited the Folk Museum at St. Fagans during the Summer season and as many as 800 persons had taken meals at the restaurant in one day whereas the drainage facilities for the district had been designed to provide for a village population of about 250 persons. The unsatisfactory outfall of crude sewage was a danger because dairy cattle grazed on nearby land and children were often seen bathing in the river at this point.

It was explained that a scheme of improvement including the provision of baths and flush toilets to replace pail closets for ten houses was being held up at Peterston-super-Ely because it necessitated an extension of an existing sewer.



TABLE VI  
BACTERIOLOGICAL EXAMINATION OF WATER, 1956

Water obtained in bulk and distributed by Council excepting where otherwise stated.		1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Remarks
		Date of Sample	Result	Date of Sample	Result	Date of Sample	Result	Date of Sample	Result	
PARISH	SOURCE									
Bonvilston	Cardiff Corporation	14/3/56	Satisfactory	13/6/56	Satisfactory	18/8/56	Satisfactory	14/11/56	Satisfactory	
Llancarfan	" "									
Llantrithyd	" "									
Pendoylan	" "									
Peterston S. Ely	" "					12/10/56	Satisfactory	15/10/56	Satisfactory	
St. Andrews	" "									
St. Brides	" "									
St. Fagans	" "									
St. Georges	" "				Slightly below standard	2/10/56	Unsatisfactory			
St. Nicholas	" "					11/10/56	Satisfactory	29/11/56	Satisfactory	
Llanfedw	" "	15/3/56	Satisfactory	20/6/56						
Radyr, Tongwynlais (Part of)	Cardiff Corporation	14/3/56	Satisfactory	20/6/56	Satisfactory	16/8/56	Satisfactory	27/11/56	Satisfactory	
Van (Porset & Van Terrace)	Rhymney Valley Water Board	14/3/56	Satisfactory	20/6/56	Satisfactory	20/9/56	Satisfactory	29/11/56	Satisfactory	
Welsh St. Donatts	Mid-Glamorgan Water Board	8/3/56	Satisfactory	20/6/56	Satisfactory	5/10/56	Satisfactory	14/11/56	Satisfactory	
Sully	Barry supply through their mains			20/6/56	Satisfactory	12/10/56	Slightly below standard	15/10/56	Slightly below standard	
Michaelston-le-Pit	Barry supply through their mains			12/4/56	Satisfactory			5/11/56	Satisfactory	
Pentyrch and Creigiau	C.R.D.C Reservoir Supply, augmented by Barry when necessary	14/3/56	Satisfactory	13/6/56	Satisfactory	9/8/56	Satisfactory	15/11/56	Slightly below Standard	
								27/11/56	Satisfactory	
Pentyrch (Gwaelodygarth)	C.R.D.C. spring supply	3/4/56	Satisfactory	13/6/56	Satisfactory	9/8/56	Satisfactory	27/11/56	Satisfactory	
Rhydygwern	Well at New Row, Rhydygwern	14/3/56	Satisfactory	20/6/56	Satisfactory	20/9/56	Satisfactory	29/11/56	Satisfactory	
Rudry	Spring & Filtration Plant	14/3/56	Satisfactory	13/6/56	Satisfactory	20/9/56	Satisfactory	29/11/56	Satisfactory	
Public Wells, Lisvane	Tank on Mountain-side	14/3/56	Satisfactory	20/6/56	Satisfactory	27/9/56	Satisfactory	30/11/56	Satisfactory	
Wells which are not being used but are being kept in case of emergency										
Glebe Field Well, Moulton	" "									
Sufton Pump, Penmark	" "									
Church Pump, St. Lythans	" "									
Well, Homri Lane, St. Nicholas	" "									
Well, Near Church, Welsh St. Donatts	" "									
Fonmon Pump, Penmark	" "									
Well, Moulton Road, Llancarfan	" "									
Well, Cefn Mably	" "									
			It was not found necessary to take samples from any of these wells during the year.							



TABLE VII  
PROVISION OF WATER SUPPLY IN PARISHES COMPRISING THE COUNCIL'S DISTRICT

Name of Parish	No. of Houses (approx.)	No. of Houses on Main	No. of Houses dependent on Wells, etc.	Mains Supply Sufficiency of Pressure	Name of Suppliers	Remarks
1 Bonvilston .. ..	49	49	—	Satisfactory	Bulk Supply Cardiff Corpn.	Distributed through Cardiff R.D.C. Mains
2 Lavernock .. ..	26	19	7	Satisfactory	Cardiff Corporation	Statutory Supply
3 Leckwith .. ..	30	19	11	Satisfactory	Cardiff Corporation	Statutory Supply
4 Lisvane .. ..	233	215	18	Satisfactory	Cardiff Corporation	Statutory Supply
5 Llancarfan ... ..	123	104	19	Satisfactory	Cardiff Corpn. Bulk Supply	Distributed through Cardiff R.D.C. Mains
6 Llanedeyrn .. ..	269	239	30	Satisfactory	Cardiff Corporation	Statutory Supply
7 Llanilterne .. ..	47	37	10	Satisfactory	Cardiff R.D.C. Augmented by Barry Corpn. when required	Distributed through Cardiff R.D.C. Mains
8 Llantrithyd .. ..	35	30	5	Satisfactory	Cardiff Corpn. Bulk Supply	Distributed through Cardiff R.D.C. Mains
9 Llanfedw .. ..	48	7	41	Satisfactory	Cardiff Corporation	Statutory Supply
10 Llanvithyn .. ..	4	3	1	Satisfactory	Cardiff Corporation	Distributed through Cardiff R.D.C. Mains
11 Michaelston-le-Pit .. ..	70	35	35	Satisfactory	Cardiff and Barry Corporations	Distributed through Cardiff R.D.C. Mains
12 Pendoylan .. ..	146	113	33	Satisfactory	Cardiff Corpn. Bulk Supply	Distributed through Cardiff R.D.C. Mains
13 Penmark .. ..	237	236	1	Satisfactory	Barry Corporation	Distributed through Cardiff R.D.C. Mains
14 Pentyrch .. ..	641	631	10	Satisfactory	Cardiff R.D.C. Augmented by Barry Corpn. when required	Distributed through Cardiff R.D.C. Mains
15 Peterston-s-Ely .. ..	132	123	9	Satisfactory	Cardiff Corpn. Bulk Supply	Distributed through Cardiff R.D.C. Mains
16 Porthkerry .. ..	263	259	4	Satisfactory	Barry Corporation	Distributed through Cardiff R.D.C. Mains
17 Radyr .. ..	519	509	10	Satisfactory	Cardiff Corporation	Distributed through Cardiff R.D.C. Mains
18 Rhydygwern .. ..	60	56	4	Not at all times	Cardiff R.D.C.	Distributed through Cardiff R.D.C. Mains
19 Rudry .. ..	146	140	6	Satisfactory	Cardiff R.D.C.	Distributed through Cardiff R.D.C. Mains
20 St. Andrews .. ..	965	962	3	Satisfactory	Cardiff and Barry Corporation	Distributed through Cardiff R.D.C. Mains
21 St. Brides .. ..	32	30	2	Satisfactory	Cardiff Corporation	Distributed through Cardiff R.D.C. Mains
22 St. Fagans .. ..	117	86	31	Satisfactory	Cardiff Corporation	Statutory Supply
23 St. Georges .. ..	85	70	15	Satisfactory	Cardiff Corporation	Distributed through Cardiff R.D.C. Mains
24 St. Lythans .. ..	24	17	7	Satisfactory	Cardiff Corporation	Distributed through Cardiff R.D.C. Mains
25 St. Nicholas .. ..	150	112	38	Satisfactory	Cardiff Corporation	Distributed through Cardiff R.D.C. Mains
26 Sully .. ..	259	259	—	Not at all times	Barry Corporation	Statutory Supply
27 Van .. ..	96	92	4	Satisfactory	Rhymney Valley Water Board	Distributed through Cardiff R.D.C. Mains
28 Welsh St. Donatts .. ..	101	79	22	Satisfactory	Mid-Glam. Water Board	Distributed through Cardiff R.D.C. Mains
29 Wenvoe .. ..	222	175	47	Satisfactory	Cardiff Corporation	Statutory Supply
30 Whitechurch .. ..	7,212	7,200	12	Satisfactory	Cardiff Corporation	Statutory Supply
TOTALS .. ..	12,341	11,906	435			





In the case of Van, where sewer facilities owned by other authorities are available, it was pointed out that it was more economic to proceed with a sewerage scheme than to continue the existing system of night soil collection.

After further consideration and inspection of the three schemes the Ministry agreed that they should proceed and it is pleasing to note that work has commenced on two of the schemes and a tender approved for the third, namely Wernddu Row.

The infants and junior school known as Maendy School at Welsh St. Donats has been provided with water closets and urinal accommodation during the year, thus dispensing with the pail closets and unsatisfactory urinal accommodation which had been the subject of complaint for many years.

St. Nicholas and Wenvoe schools are the only two out of the 22 schools in the Council's district which remain to be connected to a public sewer or cesspool and I understand that there is a prospect of these being included in schemes to commence during the year 1957/1958. A scheme to improve the sanitary facilities at the Pendoylan School is being submitted for approval.

Considerable progress has been made with sewer construction, extension, and privy conversion during the past few years. Schemes have been completed in Rudry, Van, Rhydygwern, Pentyrch, Gwaelodygarth, Rhoose, Fontigary, Rhiwbina, Brooklands Terrace, Peterston-super-Ely and Pendoylan. We are rapidly progressing towards the complete elimination of the objectionable pail closet form of sanitary accommodation.

The village of Creigiau is still dependent on cesspits and combined drains with unsatisfactory outfall. I think there is sufficient evidence on public health grounds to support a scheme of sewer and disposal plant for this district. A number of complaints of offensive smell and flies were received during the Summer period of 1956 and this cannot be disassociated from the bad drainage of the district.

I am obliged to Mr. S. P. Youldon for the following information :—

### **Schemes carried out in 1956**

#### **Sewerage**

- (a) **Sully Sewerage Scheme.** The major part of the works were carried out in 1956. Completion is expected in March, 1957.
- (b) **East Aberthaw Sewerage Scheme.** Work commenced August, 1956, and date of anticipated completion March, 1957.

- (c) **Michaelston-le-Pit.** Brooklands Terrace Sewerage Scheme. This scheme was completed in 1956.
- (d) **Pendoylan Sewerage Scheme.** This scheme was commenced late 1955 and completed in 1956.
- (e) **Bonvilston Sewerage Scheme.** Work commenced in April, 1956, and expected to be completed in April, 1957.
- (f) **St. Fagans Sewerage Scheme.** Work to commence in March, 1957.
- (g) **Wernddu-Van Sewerage Scheme.** Tenders received and application made for loan sanction.
- (h) **Peterston-super-Ely.** Station Terrace Sewerage Scheme. Work to commence in March, 1957.

### **PRIVY CONVERSION SCHEMES**

**Pentyrch-Field Terrace.** Privy conversions were carried out at Field Terrace, following on the completion of the sewerage works in this area.

### **RODENT CONTROL**

The organisation of this section has been kept under review and the past year has shown that it is completely adequate to deal with problems of rodent control in the district in active co-operation with officers of the Infestation Division of the Glamorgan Agricultural Executive Committee.

The scale of work ranges from dealing with routine complaints of infested houses to much larger units such as, for example, a factory, an aerodrome, and all the Council's refuse tips.

With regard to inspections of farms, this service has been continued as in previous years and your operatives, where infestations are found, try to persuade farmers to enter into contracts with the Glamorgan Agricultural Executive Committee.

Shop-keepers, it is pleasing to report, have frequently expressed their appreciation of the services provided by the Council whose operatives endeavour to secure contracts with the owners of business premises whenever possible.

During the year the operatives attended a refresher course lasting one day which was organised by the Ministry of Agriculture, Fisheries and Food. This is normally an annual procedure and serves to keep the Council's staff fully informed on the latest developments in rodent control. The Ministry keep in touch with the work of this section through the medium of their divisional rodent inspector thus continuing and improving the close liaison between themselves and this department.



TABLE VIII  
ANALYSIS OF THE SANITARY ACCOMMODATION AND DRAINAGE IN EACH OF THE PARISHES

Parishes				No. of Houses	Complete water carriage system	Treatment Works	Cesspool Complete water carriage system	Slopwater only, dry Closet	Water carriage to outfall other than Cesspit or Sewer	No satisfactory slopwater disposal or dry closets	Proposed Scheme
1	Bonvilston	..	..	49	—	1	19	7	—	22	Nearing completion.
2	Lavernock	..	..	26	8	2	4	4	8	—	Nil
3	Leckwith	..	..	30	7	2	10	4	7	—	Nil
4	Lisvane	..	..	233	112	5	62	16	—	38	Nil
5	Llancarfan	..	..	123	—	1	25	17	13	67	Llancarfan Village
6	Llanedeyrn	..	..	269	161	26	53	14	—	15	Cyncoed Area
7	Llanilterne	..	..	47	—	—	43	—	—	4	Nil
8	Llantrithyd	..	..	35	—	8	13	1	—	13	Nil
9	Llanfedw	..	..	48	8	1	7	—	—	32	Nil
10	Llanvithyn	..	..	4	—	—	2	2	—	—	Nil
11	Michaelston-le-Pit	..	..	70	33	9	14	14	—	—	Scheme for Brooklands Terrace completed
12	Pendoylan	..	..	146	37	1	15	64	—	29	Scheme to include Church, Terrace of Alms Homes, Public House and School. nearing completion.
13	Penmark	..	..	237	110	1	50	11	—	65	East Aberthaw scheme completed.
14	Pentyrch	..	..	641	441	—	150	10	—	40	Gwaelodygarth completed. Pentyrch completed, Creigiau not commenced
15	Peterston-s-Ely	..	..	132	68	—	41	—	—	23	Scheme completed. Station Terrace now proceeding.
16	Porthkerry	..	..	263	234	—	22	—	3	4	Scheme approved.
17	Radyr	..	..	519	481	—	27	11	—	—	Nil
18	Rhydygwern	..	..	60	33	—	10	—	—	17	Scheme completed for Rhydygwern.
19	Rudry	..	..	146	64	1	27	5	—	49	Scheme for Waterloo area approved.
20	St. Andrews	..	..	965	878	—	80	4	—	3	Sully Road Scheme, Cross Common and St. Andrews Road
21	St. Brides	..	..	32	—	—	10	5	—	17	The Village
22	St. Fagans	..	..	117	58	2	26	16	—	15	The Village. Scheme commenced.
23	St. Georges	..	..	85	—	—	19	22	—	44	The Village, Church Area and The Downs
24	St. Lythans	..	..	24	—	—	6	5	4	9	Nil
25	St. Nicholas	..	..	150	50	—	54	36	—	10	The Village
26	Sully	..	..	259	—	2	222	24	8	3	Scheme approved and nearing completion.
27	Van	..	..	96	73	—	5	2	—	16	Scheme for Wernddu approved.
28	Welsh St. Donatts	..	..	101	—	—	40	5	—	56	Scheme for School completed.
29	Wenvoe	..	..	222	—	60	90	16	—	56	The Village, Twynyrodyn Area. Scheme in course of preparation.
30	Whitchurch	..	..	7,212	7,180	—	19	8	—	5	Nil
TOTALS				12,341	10,036	122	1,165	323	43	652	

\* Private Sewer



## Farms

Total number of inspections during the year ended 31st December, 1955.

### Number with minor infestations

(i.e. infestations with less than 20 rats. This type is usually found mainly in houses, small chicken runs and small shops) ... .. 160

### Number with major infestations

(i.e. infestations of between 20 and 200 rats. Most important infestations come in this category. In towns they occur in factories, warehouses, food stores, restaurants, grocers shops and so on) ... .. Nil

### Number with reservoir infestations

(i.e. infestations of over 200 rats. They occur in sewer systems, refuse tips, glue factories, slaughter houses and sewage works. The term "reservoir" is used to emphasise the fact that large infestations are specially liable to set up other infestations in the neighbourhood) ... .. Nil

Number of contracts secured by the Glamorgan Agricultural Executive Committee with owners or occupiers of farms as a result of inspection ... .. 58

## Built-up Areas

Number of inspections of dwelling houses	...	...	...	18,661
Number of houses treated	...	...	...	419
Number of rats destroyed	...	...	...	1,554
Number of mice destroyed	...	...	...	160
Number of bodies (rats) recovered	...	...	...	400
Number of baits laid	...	...	...	2,572
Number of "block" control schemes carried out	...	...	...	11

Sewers are periodically treated ; during the year two maintenance treatment for rats in sewers was undertaken as follows :—

### April

Test bait of 10% of all sewers.

### November

Full treatment at Tongwynlais and Dinas Powis.

Test baiting remainder of area.

## PUBLIC CLEANSING

The Council operate a "direct labour" service of house refuse collection throughout the area and a limited amount of "trade" refuse collection is undertaken to assist shopkeepers to dispose of their trade refuse. Collections of house refuse are made once weekly and covered vehicles are used for the purpose. The service appears to be operating efficiently, judging by the very few complaints received during the year.

The refuse is disposed of by means of "controlled tipping" on disused land such as old quarry sites and marsh lands unsuitable for other purposes. An effort has been made during the year to require householders to provide suitable refuse receptacles. The Committee will recollect a note in a previous report describing some of the receptacles used by some householders; these included paper bags, sacks, cardboard cartons, galvanised iron baths, etc. A considerable improvement has been effected during the year particularly in some of the outlying parishes and this has been assisted by the Council's schemes for providing bins to householders.

The Council operate a scheme whereby tenants of Council houses may purchase a regulation type dust bin on payment of an extra three pence per week on the rent until the total cost of the bin is recovered. This scheme has been in operation for the past five years and 948 householders have obtained a bin by this means. The scheme operates very smoothly indeed.

A scheme is also in operation for the convenience of private householders who may purchase a regulation type bin from the Council on agreeing to pay 5/- per annum, a sum which may be collected at the same time as the rate demand. This latter scheme is welcomed by many householders, particularly those of limited income. In some instances Estates have assisted in furthering this scheme realising that it is a means of maintaining their properties in a clean and tidy condition. Refuse consisting of used food tins, bottles, paper etc., presents an objectionable sight when deposited in the back gardens or on disused land or lanes.

I am pleased to note the support given by the Council to these schemes, which have such far reaching benefits. If every householder possessed a standard type bin in good condition with properly fitted lid, it would considerably reduce the amount of litter seen in lanes and streets, and would inevitably make the work of collection easier for all concerned.

Another feature of public cleansing has received the enthusiastic attention of the Council on several occasions and has no doubt produced good results. I refer to the anti-litter campaign. In an effort to keep the countryside clean, the Council has provided 65 bins and 8 wire baskets for the reception of litter. They have also posted notices throughout the area publicising the County Council Anti Litter Bye Law which warns the public under threat of penalty that it is an offence to cause a litter in any highway, street, lane, common waterway, etc.

I give below a list of the sites where baskets and bins are provided and members may wish to suggest other sites where bins or baskets might prove useful.

#### LOCATION OF LITTER BINS AND LITTER BASKETS

Parish	Location
Lisvane	Electric Light Standard opposite Griffin Inn Wall at entrance to Lisvane Church Wall at entrance to Lisvane School 1 basket, Plas-y-Delyn
Pendoylan	Tree at Clawdd Coch Pendoylan Church Gwernysteeple
Penmark	Post Office, Village Bus Shelter, Tredogan Bus Shelter, East Aberthaw Blue Anchor Inn forecourt Junction Station Road with Fontigary Road bus stop
Pentyrch	Bus Shelter, Gwaelodygarth By-ways, Creigiau Tregarth, Creigiau Near Creigiau Tennis Courts Lamp post junction of Temperance Row and Mountain Road " " near Lewis's Arms " " near Gwaelodygarth Inn " " near Post Office, Creigiau " " near The Stores, Creigiau Cross Roads, Creigiau
Peterston-Super-Ely	Near School Near Council Houses Near Playing Fields
Radyr	Post near Post Office, Morganstown Smith, Butcher, Station Road The Thatch, Heol Isaf Weir House, Heol Isaf Chapel Road, Morganstown
Rudry	2 bins (awaiting positioning from Parish Council)
St. Andrews	Bus Stop, The Square on wall Wall, Phillips (Newsagent) Station Road Junction Cardiff Road and Millbrook Road Junction Michaelston-le-Pit with Penyturnpike Road 5 baskets Common 1 basket on The Twyn



<b>St. Fagans</b>	Near Museum Car Park Near Church Near Estate Workshop
<b>Sully</b>	Bus stop opposite Church Wall, forecourt to Central Cafe, South Road Bus shelter (A bin provided by Councillor Mrs. P. M. Y. Winn-Jones, J.P.)
<b>Swanbridge</b>	Wall near Kiosk Wall East of Swanbridge Farm House
<b>Wenvoe</b>	Electricity Pole junction Port Road and Village Road Wall opposite Wenvoe Arms 1 basket Wenvoe Village Green
<b>Whitchurch</b>	Hurley, Butcher, The Philog Lamp post Public Library, Whitchurch Buckner, Butcher, Merthyr Road Library Lane, Velindre Road Tongwynlais School Public Convenience, Tongwynlais Corner of Mill Road, Tongwynlais Near Band Room, Mill Road, Tongwynlais Lamp post St. Mary's Church, Merthyr Road Outside Ireland's, Newsagent, Park Road Wall outside Howard, Green Grocer, 6 Park Road Lamp post 77 The Philog, Whitchurch Electric Lamp Standard at entrance to Rialto Cinema " " " junction of Foreland Road and New Station Road, Whitchurch " " " junction of Tynypare Road and Pantbach Road, Whitchurch " " " junction of Beulah Road and Heol-y-Deri, Rhiwbina " " " outside Williams, Green- grocer, 17 Heol-y-Deri, Rhiwbina " " " near Public Seat, The Deri, Rhiwbina Wall at entrance to Rhiwbina Tennis Club, Rhiwbina Road Wall at " Brooklyn," Rhiwbina Road

## Committees of the Council which are concerned with matters of Public Health

The Committees which are concerned with matters of Public Health are (1) The Public Health Committee, (2) The Housing Committee, (3) The Public Works Committee, (4) Camping Sites Inspection Sub-Committee.



## SWIMMING BATHS

There are no private or public swimming baths in the Council's district but portions of the Rivers Ely and Taff are used by young bathers during the Summer months.

During the Summer of 1956 a case of infectious disease reported in the City area appeared to be associated with swimming in the River Taff. Samples of the river water have since been taken at regular intervals of about 14 days and most of the samples have been positive for a food poisoning organism and salmonella paratyphoid "B." This information was reported to the Health Committee who instructed that notice boards warning the public that it is dangerous to bathe in the waterway should be erected near those parts usually used for swimming purposes.

## ATMOSPHERIC POLLUTION

### Steetley Dolomite Works, Taffs Well

A number of complaints of dust and fume from the Steetley Dolomite Works, Taffs Well, were received from residents of Garth Newydd, Gwaelodygarth and from residents near "The Ynis" north of Tongwynlais. The complaints could be confirmed by visual evidence and an approach, with the support of H.M. Inspector of Alkali Works was made to the Dolomite Company, with a view to them effecting remedial measures. Representatives of the firm, including the general manager and members of the Research Staff attended two meetings when they agreed to make investigations into the possibility of reducing the volume of sulphur dioxide discharged into the atmosphere.

As a first step, they undertook to estimate the volume of sulphur dioxide discharged and a report was duly received giving details of the chemical discharges at various periods in the heat processing of the dolomite rock. The figures quoted were, in the opinion of H.M. Inspector, sufficient to confirm the complaints received from local residents.

The works are kept under constant observation and arrangements are now being made to estimate the amount of sulphur dioxide in the atmosphere in the neighbourhood of those houses from which we receive most complaints. Equipment for this purpose has been obtained.

The estimations will be carried out at the Public Health Laboratory the staff of which appear very co-operative in all investigations concerning public health matters.

## **Meltingriffith Tinplate Works, Whitechurch**

A few complaints of dust and fume given off by the Melingriffith Tinplate Works, Whitechurch, were received from residents on the Velindre Housing Estate and from the staff of the Whitechurch Hospital. Here too a meeting was arranged with the Manager of the works and with the co-operation of H.M. Inspector of Alkali Works. The various processes carried out at the works were inspected and it was agreed that for a works of this type and size, the amount of dust, smoke and fume was kept within reasonable limits and that the best practicable means to prevent pollution were being applied steadfastly. However, in order to determine the precise amount of sulphur dioxide, arrangements have been made to place a lead sulphide "candle" on the hospital premises and this will be taken to the Public Health Laboratory at the end of each month for a period of three months for estimation of sulphur dioxide.

## **Cefn On Basic Co., Wernddu**

Attention has again been directed to the control of dust emissions from these works.

Improvements carried out in the loading bay achieved a reduction in emission from this point, but the effect on the overall emission from the works was not appreciable.

Plans are being prepared for a complete new crushing plant incorporating dust control measures. It is expected that this will be installed during 1957, and the company have been informed that in addition, measures to control emission of dust from the kiln stacks are necessary.

## **Penarth Cement Works, Lavernock**

During the year only two complaints, both from the same person, were received regarding dust emission and smell from these works.

Investigations were made and the information passed to H.M. Inspector of Alkali works, so that he could follow up the complaint in relation to the escape of noxious gases.

A works of this nature cannot operate without emitting some grit and fumes into the atmosphere. The department feels satisfied that the company have spent a very large sum of money on providing and installing Cyclone Precipitators and are taking the best practicable means to prevent a serious nuisance to the inhabitants of the adjoining district.

The efficiency of this type of precipitator is usually in the region of 85% and the Company have stated that approximately 28 to 30 tons of dust are extracted each day which otherwise would find its way into the atmosphere.

It is intended to extend investigations on the dust emission in conjunction with the Penarth Urban District Council by means of placing dust collecting trays in selected sites.

## CAMPING SITES

There are nine caravan sites in the Rural District. In the case of seven of the sites the land is licensed, one has an unconditional licence, and the other site has been dealt with by the issue of individual licences.

Particulars of these sites are given hereunder :—

- |   |   |
|---|---|
| (1) Bay Caravan Park, Lavernock         | ...—Licensed for 233 caravans   |
| (2) The Spinney (Swanbridge) Ltd.       | ...—Unconditional Public Health Licence<br>Planning permission given for 81 caravans. |
| (3) Island View Site, Swanbridge        | ...—Licensed for 50 caravans  |
| (4) Minehead View Site, Rhoose          | ...—Licensed for 20 caravans  |
| (5) Fontigary Site, Rhoose              | ...—Licensed for 320 caravans or tents.   |
| (6) Court Farm, Rhoose (Site No. 1)     | —Licensed for 120 caravans or tents.  |
| (7) Court Farm, Rhoose (Site No. 2)     | —Licensed for 110 caravans or tents.  |
| (8) Cambrian Trailer Parks Ltd., Wenvoe | ...—Licensed for 150 caravans or tents.   |
| (9) Carpenters Arms, Rhoose             | ...—Individual Licences granted for 6 caravaners.                                     |

All the sites are provided with a piped and wholesome supply of water, and all are served by a water carriage system of drainage.

The site operators continue gradually to improve their sites and add to the amenities already existing. Electricity has been laid on to five of the sites for the use of the caravaners.

Three of the licensed sites are used permanently by a number of residents and at these sites, the sanitary circumstances required are more varied and of a higher standard than those conditions which apply to Summer Sites. It is the aim of the Council to require bath and clothes washing facilities on all permanent sites and drainage facilities on the sites which are sufficient to enable every sink waste to be drained to a gully connected to the drainage system.

No advantage was taken of the provisions of Section 269 of the Public Health Act, 1936, which allows caravans to be stationed and used for habitation for a period of 42 consecutive days without the issue of a Public Health Licence.

The number of caravans occupied in the Council's area during the peak Summer period was 929, and in addition approximately 16 tents were pitched for short period in the coastal areas in July and August.

This influx of people to the coastal areas, gives rise to its own peculiar problems, especially to the site operators. The clearing of camp refuse and its disposal is a problem, and the littering of the beaches with rubbish, bottles, cartons, etc., is another difficulty which is yet to be solved.

In addition to caravans on licensed sites, nine individual licences were granted to persons authorising them to station and use caravans in various parts of the Council's district.

First Aid Kits have been provided by all licencees for use in case of minor accidents, such as burns and cuts.

In the Swanbridge Area, the drainage systems from two caravan sites discharge untreated on to the foreshore, and have been a source of concern from the Public Health viewpoint.

This unsatisfactory position was reported to the Public Health Committee with a recommendation that the areas should be sewered by extending the present scheme now being constructed for the Sully area.

The Council have now reviewed the proposed schemes for sewerage certain parts of the Rural District which still remain to be sewered, and Swanbridge Area in the Parish of Sully has been given first priority in these schemes.

Site No. 8 Cambrian Trailer Parks Ltd. Development works proceeded very slowly and the Council were forced to bring pressure upon the Company to expedite the carrying out of works. The works are now proceeding with more speed. The baths, both slipper and shower, are now in use and the gradually increasing use of these baths is being closely watched, as a matter of interest. The provision of these costly, but essential amenities on a caravan site will not fulfill the intended purpose unless the residents take full advantage and make use of them.

# **FACTORIES ACT, 1937—Section 34—MEANS OF ESCAPE IN CASE OF FIRE**

Section 34 of the Factories Act, 1937, applies to every factory—

- (a) in which more than twenty persons are employed, or
- (b) in which more than ten persons are employed on a first floor of the building or more than twenty feet above the ground floor level
- (c) in or under which explosives or highly inflammable materials are stored or used.

As regards (a) and (b) there are 12 factories, all of which have certificates indicating satisfactory means of escape.

Regarding (c) there are a few motor repair garages in which highly inflammable materials such as cellulose and “thinning” fluids may be used from time to time and these are controlled by the Statutory Rules and Orders—1934 No. 990 which are supervised by H.M. Inspectors of Factories.

<i>Name and Situation of Factory</i>	<i>Particulars regarding the issue of Certificates</i>
1 British Railways (Western Region) Locomotive Repair Shop, Van...	Certificate issued in 1939
2 Cefn On Basic Co. Dolomite Works, Van ... ..	Certificate issued in 1939
3 Melingriffith Tin Plate Works, Whitchurch ... ..	Certificate issued in 1939
4 British Portland Cement Manu- facturers, Lavernock ... ..	Certificate issued in 1938
5 Aberthaw and Bristol Channel Portland Cement Co., Aberthaw	Certificate issued in 1938
6 Aberthaw and Bristol Channel Portland Cement Co., Rhooose...	Certificate issued in 1938
7 Turners Asbestos Cement Co., Rhooose ... ..	Certificate issued in 1938
8 British Geon Ltd., Sully ... ..	Certificate issued in 1954
9 British Resin Products Ltd., Sully	Certificate issued in 1954
10 Coates Bros., Synthetic Resin, Manufacturers, Machen ... ..	Certificate issued in 1954 (Amended 1956)
11 Llandaff North Engineering Works, Whitchurch ... ..	Certificate issued in 1955
12 British Railways Light Repair Depot, Cherry Orchard, Lisvane	Certificate issued in 1956



## FACTORIES ACTS, 1937 and 1948. Table IX.

Regular visits of inspection have been made to factories in the district as shewn in the following table :—

### 1. Inspections.

Premises (1)	Number on Register (3)	Inspec- tions (4)	Written notices (5)	Occupiers Prose- cuted (6)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. ..	5	8	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .. ..	33	39	8	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises) .. ..	—	—	—	—
TOTAL .. ..	38	47	9	—

### 2. Cases in which Defects were found.

Particulars (1)	Number of Cases in which Defects were found				Number of Cases in which Prosecutions were instituted (7)
	Found (3)	Rem- edied (4)	To H.M. In- spectors (5)	By H.M. In- spectors (6)	
Want of Cleanliness (S.1) ..	2	2	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable temperature (S.3) .. ..	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6) ..	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient .. ..	—	—	—	—	—
(b) Unsuitable or defective	9	9	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork) ..	—	—	—	—	—
TOTAL .. ..	11	11	—	—	—



## SECTION D.

### HOUSING.

The Council's five year plan for dealing with unfit properties is proceeding in accordance with the report submitted to the Ministry in September, 1955, when it was suggested that the Council would deal with sixty seven of the 166 unfit properties during the first of the five years. It is gratifying to note that this has been achieved.

We are now in the second year period and a substantial number is being dealt with as envisaged.

The number remaining to be dealt with is small by comparison with some of the old industrial districts where houses of the back-to-back type in courts, alleys and narrow streets built about 100 years ago were a common feature of the period ; and many of them still remain. It may be stated judging by other districts and the standard laid down in Section 9 of the Housing Act, 1954, that the general standard of housing accommodation in the Council's district is good and only a small number of unfit properties remains to be dealt with under the Housing Acts. This has been achieved by the Council's progressive post war housing drive, the measure of which can be appreciated when we recall streets of houses known as Cambrian Terrace, Post Office Row, Pentyrch, Penywaun Row, Garth Row, Garth View, Cefn Bychan, Post Office Row, Morgans-town ; Walston Cottages, Wenvoe ; Wayside Cottages, Eastbrook ; Club Row and Cae Mawr, Gwaelodygarth ; Melingriffith Cottages and the Cottages in Mill Road, Tongwynlais ; all have since been demolished and the tenants rehoused in Council houses or flats.

However, a good deal remains to be done if we are to reach the stage when all the houses in the district will be up to the standard required by the Housing—(Improvement Grant) Act, 1949.

That is to say, provided with hot and cold water system, bath, water closet, good drainage and means of artificial lighting and heating. These sanitary amenities cannot be demanded without grant-aid from the local authority.

There is no evidence of Statutory overcrowding in any part of the Council's district and only two of the back-to-back type of dwelling remain. I must point out that a number of properties provisionally placed in Category V of the Standard of Housing Fitness laid down for the purposes of the Rural Housing Survey in 1946 have, in consequence of the standard specified in Section 9 of the Housing Act, 1954, been raised to Category 3. Many of these have been provided with water supply and water closets and the owners given an assurance that these dwellings will remain for a further period of ten years. No doubt they will have to be reviewed in the light of improved standards by that time, because many of these cottages are very old and contain bad structural features such as stone spiral stairways and inter-communicating bedrooms.

House building is proceeding at a rapid rate in the Council's district and very soon it will be difficult to find building land without taking away good agricultural land. The Council is aware of this position and with a view to economising in the use of land they have considered building multi-storied flats.

Four hundred and sixty eight dwellinghouses were erected during the year 1956. Three hundred and fifty two were for private owners and one hundred and sixteen for Council tenants.

**Number of Private and Council houses built in each Parish during the year 1956**

Parish	Private houses	Council houses
Lisvane ...	15	—
Llanedeyrn ...	11	—
Llantrithyd ...	—	4
Penmark ...	13	8
Pentyrch ...	6	32
Peterstón ...	3	—
Porthkerry ...	1	—
Radyr ...	16	—
Rudry ...	1	—
St. Andrews ...	27	24
St. Georges ...	1	—
St. Nicholas ...	15	8
Sully ...	24	—
Wenvoe ...	2	—
Whitchurch ...	217	30
Tongwynlais ...	—	10
TOTALS ...	352	116

# NUMBER AND TYPES OF COUNCIL HOUSES, BUNGALOWS AND FLATS ERECTED IN THE CARDIFF RURAL DISTRICT DURING THE YEAR 1956

PARISH	Houses			Two Bedroom Flats			Bed Sitting Rooms			Aged Persons Bungalows	
	2 BR.	3 BR.	4 BR.	G. Fl.	1st. Fl.	2nd. Fl.	G. Fl.	1st. Fl.	2nd. Fl.	1 BR.	2 BR.
Llantrithyd .. .. .	—	4	—	—	—	—	—	—	—	—	—
Penmark .. .. .	—	4	—	2	2	—	—	—	—	—	—
Pentyrch .. .. .	—	18	—	2	2	—	—	—	—	—	—
Pentyrch—Gwaelodygarth .. .. .	—	2	—	2	2	—	—	—	—	4	—
St. Andrews—Dinas Powis .. .. .	—	12	—	4	4	—	—	—	—	—	—
St. Nicholas—Button Ride .. .. .	—	8	—	—	—	—	—	—	—	—	4
Whitchurch .. .. .	—	—	—	3	4	4	1	1	1	—	16
Tongwynlais .. .. .	—	4	—	—	—	—	—	—	—	—	6
	—	52	—	13	14	4	1	1	1	4	26

## COUNCIL HOUSES BUILT IN CARDIFF RURAL DISTRICT

	1 BR/NP	2 BR/NP	3BR/NP	4 BR/NP	6 BR/NP	2 BR	3 BR	4 BR	5 BR/P	G.F. Flat	1st Floor Flat	2nd Floor Flat	Airey Type	Bed Sitting Rooms			Aged Persons Bungalows		Total
														G.R.	1st Fl.	2nd Fl.	1 BR	2 BR	
Prior to 1945 ..	15	27	103	14	1	—	107	15	10	—	—	—	—	—	—	—	—	—	292
From 1945 to 1951 ..	2	29	66	2	—	—	315	24	—	18	18	—	24	—	—	—	—	—	498
During 1952 ..	—	4	—	—	—	5	203	—	—	14	14	—	—	—	—	—	18	—	258
During 1953 ..	—	—	—	—	—	29	89	18	—	57	—	2	—	3	1	1	—	2	202
During 1954 ..	—	—	—	—	—	6	56	6	—	61	61	14	—	3	1	1	—	8	217
During 1955 ..	—	—	—	—	—	4	56	4	—	57	57	13	—	—	—	—	16	8	215
During 1956 ..	—	—	—	—	—	—	52	—	—	13	14	4	—	1	1	1	4	26	116
TOTALS ..	17	60	169	16	1	44	878	67	10	220	164	33	24	7	3	3	20	62	1,798



## NATIONAL ASSISTANCE (AMENDMENT) ACT, 1951

No official action was required to deal with any case under this Act in 1956, but the circumstances of several persons were investigated.

The case of an elderly person living in the Parish of Van, referred to in my previous report was kept under observation by the Health Department and the Welfare Service Department of the Glamorgan County Council.

During the year it was necessary to admit the lady to the Van Annex Hospital for treatment, and on discharge from there she was finally persuaded to enter voluntarily the Welfare Service Hostel at Penarth.

### MONTHLY TOTALS OF RAINFALL IN THE DISTRICT DURING 1956

	GAUGE AT WHITCHURCH	GAUGE AT DINAS POWIS	GAUGE AT RHOOSE AIRPORT
	inches	inches	inches
January ...	5.20		4.06
February ...	.25		.21
March ...	1.56		1.16
April ...	1.76		1.22
May ...	1.09		1.17
June ...		1.44	1.96
July ...		2.99	7.21
August ...		5.43	6.13
September ...		3.99	3.87
October ...		2.06	1.74
November ...		1.25	1.26
December ...		4.10	3.67

9.86

21.26

33.66

## SECTION E

### MILK

The Milk (Special Designations) (Specified Areas) Order, 1954 brought about the establishment in Wales of the first two "specified areas" in which all milk sold by retail must be of "Special Designation," i.e., pasteurised, sterilised, or tuberculin tested milk, and the Cardiff Rural District forms part of one of these areas.

The local authority controls the granting of licences for the sale within their district of designated milks and the registration of distributors and dairymen other than dairy farmers. Samples of designated milks are submitted for bacteriological examination and must conform to prescribed standards.

In addition samples are submitted for biological examination for the presence of tubercle bacilli at intervals throughout the year.

Supervision of the process of milk production at dairy farms remains under the control of the Ministry of Agriculture, Fisheries and Food.

The following table shows the number of samples of graded milks submitted and results obtained during the year :—

Result	GRADE			
	T.T.	Pasteurised	Sterilised	Total
Satisfactory	25	17	1	43
Unsatisfactory	—	—	—	—
TOTAL	25	17	1	43

The following samples were submitted for biological examination :—

Samples  
21

Negative  
21

Positive  
—

The number of samples submitted for biological examination during the year was restricted owing to difficulties at the laboratory.

### FOOD AND DRUGS ACT, 1955.

#### The Food Hygiene Regulations, 1955.

The Food and Drugs Act, 1955, which came into operation on 1st January, 1956, brought about some changes in the law, the most significant being in respect of the control of premises where food is prepared, stored, etc.



Formerly control of food premises was contained in Section 13 of the Food and Drugs Act, 1938, and was limited to premises where food was prepared, stored, etc., for the purpose of sale.

In the new legislation, Section 13 was replaced by the Food Hygiene Regulations, 1955, and the scope was widened to include the supply of food in the course of a business, the definition including canteens, clubs, schools and other institution as well as undertakings carried on by public and local authorities.

These regulations lay down requirements in respect of :—

- 1 The cleanliness of food premises, stalls, etc., and of apparatus and equipment.
- 2 The hygienic handling of food.
- 3 The cleanliness of persons engaged in the handling of food and of their clothing and the action to be taken where they are sufferers from or carriers of certain infections.
- 4 The construction and maintenance of food premises, stalls, vehicles, etc., and the facilities to be provided.
- 5 The temperature at which certain foods that are particularly liable to convey disease are to be kept.

Copies of the Regulations were supplied to all those in control of Food Premises throughout the district, all premises were visited, the purpose and contents of the Regulations explained to the occupiers, and where necessary their attention was drawn to contraventions.

Preliminary notices as to contraventions were served in many cases, and these will be followed by statutory action where failure to comply within reasonable time is noted.

Provision is made in the Regulations for the granting of certificates of exemption where practical difficulties prevent compliance.

A survey of school canteens in the area was carried out. In general conditions were satisfactory, but some improvements are required and in this direction your officers are co-operating with the officers of the Glamorgan County Council.

The introduction of the new Regulations with some degree of national and local publicity has made both traders and public alike, aware of the dangers inherent in the unhygienic handling of food, and it is encouraging to note a marked improvement, not only in the alteration of premises and the provision of equipment but in the constant efforts needed to maintain high standards, generally.

## Ice Cream

Twenty-three samples of ice cream were submitted for bacteriological examination, and as indicated below all were of a satisfactory standard.

Most of the ice cream sold within the Council's District is prepacked and is manufactured in other local authorities areas. Close co-operation has been maintained between your officers and officers of adjoining authorities in investigating possible sources of contamination.

	Satisfactory (1)	Fairly Satisfactory (2)	Unsatisfactory (3)	Very Unsatisfactory (4)	Total
Number of Samples ..	23	—	—	—	23

Eight further samples were submitted but no results were obtained because of unsatisfactory pre-incubation temperatures at the laboratory.

## CONDEMNED FOODS

The undermentioned articles of food were voluntarily surrendered and certified as unfit for human consumption. Condemned tinned meats and vegetables are utilised for pig feeding and fats such as butter, cheese, bacon, etc., are returned to wholesalers to be used for manufacturing purposes.

Tinned Goods	...	...	...	...	...	...	1,029 tins
Ham	...	...	...	...	...	...	14 lbs.
Cheese	...	...	...	...	...	...	114 lbs.
Prunes	...	...	...	...	...	...	30 lbs.

**Samples taken by the County Sampling Officers in the Cardiff Rural District during the year ended 31st December, 1956.**

Milk	...	...	...	...	...	197
Canned Cream Soup	...	...	...	...	...	2
Baking Powder	...	...	...	...	...	1
Jam	...	...	...	...	...	4
Condensed Milk	...	...	...	...	...	4
Canned Tomatoes	...	...	...	...	...	1
Tea	...	...	...	...	...	2

Disprin Tablets	...	...	...	...	1
Halibut Liver Oil Capsules	...	...	...	...	1
Pudding Mixture	...	...	...	...	3
Semolina	...	...	...	...	1
Rosena	...	...	...	...	1
Butterscotch	...	...	...	...	1
Tomato Sauce	...	...	...	...	2
Shredded Beef Suet	...	...	...	...	6
Rice	...	...	...	...	2
Blancmange Powder	...	...	...	...	3
Meat Paste	...	...	...	...	3
Sponge Mixture	...	...	...	...	4
Canned Fish	...	...	...	...	1
Canned Soup	...	...	...	...	4
Canned Peas	...	...	...	...	1
Salad Cream	...	...	...	...	4
Canned Beans	...	...	...	...	1
Cornflour	...	...	...	...	2
Raisins	...	...	...	...	1
Curry Powder	...	...	...	...	1
Marmalade	...	...	...	...	4
Honey	...	...	...	...	1
Sugar	...	...	...	...	2
Sterilised Cream	...	...	...	...	5
Mustard	...	...	...	...	1
Table Jelly	...	...	...	...	3
Vinegar	...	...	...	...	3
Orange Squash	...	...	...	...	3
Ground Nutmeg	...	...	...	...	1
Minced Pork	...	...	...	...	1
Pastry Mixture	...	...	...	...	1
Lemon Curd	...	...	...	...	2
Mayonnaise	...	...	...	...	1
Mixed Spice	...	...	...	...	1
White Pepper	...	...	...	...	1
Dessicated Coconut	...	...	...	...	4
Coffee & Chicory Essence	...	...	...	...	3
Custard Powder	...	...	...	...	1
Breadcrumbs	...	...	...	...	1
Fish Paste	...	...	...	...	1
Prunes	...	...	...	...	1
Mincemeat	...	...	...	...	1
Dessert Powder	...	...	...	...	1
Margarine	...	...	...	...	2
Herring Roes	...	...	...	...	1
Sultanas	...	...	...	...	2
Pie Filling	...	...	...	...	1
Meat Paste	...	...	...	...	2

Lemonade	...	...	...	...	...	1
Cordial	...	...	...	...	...	1
Cake Mixture	...	...	...	...	...	6
Self Raising Flour	...	...	...	...	...	1
Lemon Juice	...	...	...	...	...	1
Orange Drink	...	...	...	...	...	1
Butter	...	...	...	...	...	1
Vegetable Salad	...	...	...	...	...	1
Tomato Juice	...	...	...	...	...	1
Currants	...	...	...	...	...	1
TOTAL						320

# No. 1 DISTRICT—Public Health Inspector H. Willis.

	Inspections and visits made	Defects and Nuisances found	Preliminary Notices Served	Statutory Notices Served	Remedied
Public Health Acts .. .. .	344	143	63	27	137
Housing Acts .. .. .	170	—	—	—	—
Dairies, Cowsheds and Milkshops .. .. .	28	6	2	—	6
Public Health (Meat) Regulations .. .. .	1	—	—	—	—
Bakehouses .. .. .	8	2	1	—	2
Factories, Workshops and Workplaces .. .. .	16	4	2	—	4
Schools .. .. .	11	2	—	—	2
Infectious Diseases .. .. .	107	—	—	—	—
Houses Disinfected .. .. .	9	—	—	—	—
Cesspits Cleansed and Inspected .. .. .	32	7	3	—	7
Nuisances from Sanitary Accommodation .. .. .	22	8	8	3	8
Nuisances from Defective Drains .. .. .	181	73	19	2	73
Nuisances from Animals .. .. .	20	2	—	—	2
Nuisances from Accumulations .. .. .	54	10	6	—	10
Tents, Vans, Sheds .. .. .	14	3	—	—	3
Supervising Scavenging .. .. .	102	55	—	—	46
Rats and Mice Destruction .. .. .	28	7	2	—	7
Inspection of Water Supplies .. .. .	95	12	3	3	10
Samples of Water for Analysis .. .. .	43	—	—	—	—
*Samples of Milk for Analysis .. .. .	8	—	—	—	—
Petrol and Explosive Stores .. .. .	38	3	—	—	3
Shops Acts and Employment of Young Persons .. .. .	81	12	5	—	12
Visits not Classified .. .. .	207	—	—	—	—
Verminous Houses .. .. .	—	—	—	—	—
Council House Inspections .. .. .	112	14	—	—	—
Food and Drugs Act, Food Hygiene .. .. .	172	26	16	—	13
Unsound Food .. .. .	27	—	—	—	21
Ice Cream Samples .. .. .	7	—	—	—	—
Atmospheric Pollution .. .. .	38	2	2	—	1
*Subjected to Examination for Tubercle Bacilli : Positive .. .. .	—	—	—	—	—
Negative .. .. .	9	—	—	—	—
Visits regarding housing applications .. .. .	104	—	—	—	—
TOTALS .. .. .	2,088	391	187	35	367



# No. 2 DISTRICT—Senior Public Health Inspector William Davies.

	Inspections and visits made	Defects and Nuisances found	Preliminary Notices Served	Statutory Notices Served	Remedied
Public Health Acts .. .. .	265	90	51	11	88
Housing Acts .. .. .	200	—	—	—	—
Dairies, Cowsheds and Milkshops .. .. .	43	—	—	—	—
Public Health (Meat) Regulations .. .. .	50	5	5	—	4
Bakehouses .. .. .	12	1	1	—	1
Factories, Workshops and Workplaces .. .. .	16	—	—	—	—
Schools .. .. .	25	8	6	—	2
Infectious Diseases .. .. .	90	—	—	—	—
Houses Disinfected .. .. .	12	—	—	—	—
Cesspits Cleaned and Inspected .. .. .	40	6	2	—	6
Nuisances from Sanitary Accommodation .. .. .	26	10	3	1	10
Nuisances from Defective Drains .. .. .	64	27	6	1	27
Nuisances from Animals .. .. .	1	—	—	—	—
Nuisances from Accumulations .. .. .	20	10	6	—	10
Tents, Vans, Sheds .. .. .	15	6	6	—	6
Scavenging—Provision of Bins .. .. .	86	60	60	—	60
Rats and Mice Destruction .. .. .	40	8	1	—	8
Inspection of Water Supplies .. .. .	60	—	—	—	—
Samples of Water for Analysis .. .. .	26	—	—	—	—
*Samples of Milk for Analysis .. .. .	14	—	—	—	—
Petrol and Explosive Stores .. .. .	40	—	—	—	—
Shops Acts and Employment of Young Persons .. .. .	60	—	—	—	—
Visits not Classified .. .. .	306	—	—	—	—
Verminous Houses .. .. .	1	—	—	—	—
Council House Inspections .. .. .	18	—	—	—	—
Food and Drugs Act, Food Hygiene .. .. .	110	—	16	—	—
Unsound Food .. .. .	50	40	—	—	36
Ice Cream Samples .. .. .	14	—	—	—	—
Atmospheric Pollution .. .. .	40	1	—	—	—
*Subjected to examination for Tubercle Bacilli : Positive .. .. .	—	—	—	—	—
Negative .. .. .	12	—	—	—	—
Visits regarding housing applications .. .. .	110	—	—	—	—
Miscellaneous (Sanitary visits) .. .. .	—	—	—	—	—
TOTALS .. .. .	1,754	272	163	13	258

# No. 3 DISTRICT—Public Health Inspector K. N. Price.

	Inspections and visits made	Defects and Nuisances found	Preliminary Notices Served	Statutory Notices Served	Remedied
Public Health Acts .. .. .	152	96	45	18	—
Housing Acts .. .. .	97	—	—	—	—
Dairies, Cowsheds and Milkshops .. .. .	5	—	—	—	—
Public Health (Meat) Regulations .. .. .	6	—	—	—	—
Bakehouses .. .. .	2	1	1	—	1
Factories, Workshops and Workplaces .. .. .	15	7	7	—	7
Schools .. .. .	15	—	—	—	—
Infectious Diseases .. .. .	535	—	—	—	—
Houses Disinfected .. .. .	8	—	—	—	—
Cesspits Cleansed and Inspected .. .. .	19	—	—	—	—
Nuisances from Sanitary Accommodation .. .. .	13	6	3	—	3
Nuisances from Defective Drains .. .. .	104	33	12	15	12
Nuisances from Animals .. .. .	4	—	—	—	—
Nuisances from Accumulations .. .. .	1	—	—	—	—
Tents, Vans, Sheds .. .. .	226	3	3	—	3
Supervising Scavenging .. .. .	237	61	46	23	46
Rats and Mice Destruction .. .. .	7	—	—	—	—
Inspection of Water Supplies .. .. .	3	—	—	—	—
Samples of Water for Analysis .. .. .	14	—	—	—	—
*Samples of Milk for Analysis .. .. .	30	—	—	—	—
Petrol and Explosive Stores .. .. .	59	—	—	—	—
Shops Acts and Employment of Young Persons .. .. .	32	—	—	—	—
Visits not Classified .. .. .	28	—	—	—	—
Vermineous Houses .. .. .	—	—	—	—	—
Council House Inspections .. .. .	60	—	16	—	16
Food and Drugs Act .. .. .	66	27	—	—	—
Unsound Food .. .. .	4	—	—	—	—
Ice Cream Samples .. .. .	8	—	—	—	—
Atmospheric Pollution .. .. .	6	—	—	—	—
*Subjected to Examination for Tubercle Bacilli : Positive .. 1					
Negative .. 10					
Visits Regarding Housing Applications .. .. .	34	—	—	—	—
Miscellaneous (Sanitary Visits) .. .. .	26	—	—	—	—
TOTALS .. .. .	1,827	228	123	56	88

TABLE X.  
INCIDENCE OF NOTIFIABLE DISEASES IN  
THE VARIOUS PARISHES DURING 1956

PARISH	Scarlet Fever	Diphtheria	Pneumonia	Puerperal Pyrexia	Measles	Whooping Cough	Dysentery	Erysipelas	Ophthalmia Neonatorum	Acute Poliomyelitis	Paratyphoid " B "	Cerebro Spinal Fever	Food Poisoning	Acute Encephalitis
Bonvilston ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lavernock ..	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Leckwith ..	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Lisvane ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Llancarfan ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Llanedeyrn ..	1	—	1	—	—	1	—	—	—	—	—	—	—	—
Llanilterne ..	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Llanfedw ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Llanvithyn ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Llantrithyd ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Michaelston-le-Pit	—	—	—	—	—	1	8	—	—	—	—	—	—	—
Pendoylan ..	—	—	1	—	—	—	5	—	—	—	—	—	—	—
Penmark and Porthkerry ..	2	—	3	—	10	1	3	—	—	—	—	—	—	1
Pentyrch ..	2	—	—	—	1	—	—	—	—	—	5	—	—	—
Peterston-s-Ely ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Radyr ..	—	—	1	—	2	—	—	—	—	—	—	—	—	—
Rhydygwern ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rudry ..	2	—	—	—	—	—	—	—	—	—	4	—	—	—
St. Andrews ..	—	—	1	—	—	—	56	—	—	—	—	—	—	—
St. Brides-s-Ely ..	—	—	—	—	—	1	—	—	—	—	—	—	—	—
St. Fagans ..	—	—	1	—	—	—	5	—	—	—	—	—	1	—
St. Georges-s-Ely ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Lythans ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Nicholas ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Sully ..	1	—	—	—	—	1	—	—	—	—	—	—	—	—
Van ..	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Welsh St. Donats ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wenvoe ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whitechurch ..	22	—	23	—	22	18	1	2	—	—	1	—	2	—
TOTALS ..	34	—	32	—	58	24	78	2	—	2	10	—	3	1

TABLE Xa.  
PARTICULARS OF THE INCIDENCE OF NOTIFIABLE  
DISEASES IN THE AREA DURING 1956

Diseases	Total cases Notified	Age not known	Under 1 month	1	2	3	4	5	10	15	20	25	45	65 and over	Cases admitted to hospital from Council's area	Deaths of residents in Council's area
Scarlet Fever	..	34	—	—	—	1	1	21	10	—	—	1	—	—	6	—
Diphtheria ..	..	—	—	—	—	—	3	3	—	—	4	5	11	5	7	—
Pneumonia ..	..	58	—	3	6	15	13	12	—	—	1	—	—	—	1	—
Measles	..	24	—	—	2	3	4	14	1	—	—	—	—	—	2	—
Whooping Cough	..	78	—	—	1	2	—	46	17	1	4	2	2	1	4	—
Dysentery ..	..	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Erysipelas ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis	..	2	—	—	—	—	—	—	1	—	—	1	—	—	2	—
Paratyphoid "B" ..	..	10	—	2	—	—	1	—	—	—	5	1	—	—	1	—
Acute Encephalitis	..	1	—	—	—	—	—	1	—	—	—	—	—	—	1	—
Food Poisoning ..	..	3	—	—	—	—	—	—	—	—	—	—	—	2	1	—
TOTALS	..	244	—	8	9	21	22	97	29	1	14	10	15	8	26	—

TABLE XI.

**ADMISSIONS TO THE CITY ISOLATION HOSPITAL DURING  
1956 FROM CARDIFF RURAL DISTRICT**

	Scarlet Fever	Diphtheria	Dysentery	Whooping Cough	Erysipelas	Measles and Pneumonia	Measles	Enteric Fever	Tonsillitis	Rubella	Pneumonia	T. B. Meningitis	Acute Encephalitis	Poliomyelitis	Meningococcal Meningitis	Chicken Pox	Malaria	Food Poisoning	Rheumatism	Paratyphoid B.	Puerperal Pyrexia	Infective Hepatitis	Total	Died
January	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	4	..
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
March	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
April	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..
May	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	2	..
June	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
July	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
August	..	..	2	..	..	..	..	..	..	..	1	..	..	2	..	..	..	1	..	..	..	..	4	..
September	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
October	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	2	..
November	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
December	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
TOTALS	6	..	4	2	1	..	1	..	..	..	7	..	1	2	..	..	..	1	..	..	..	..	26	..



**STATEMENT SHOWING NUMBER OF CASES OF TUBERCULOSIS  
IN THE VARIOUS PARISHES AS AT 31st DECEMBER, 1956**

PARISH	Males		Females	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
Bonvilston .. ..	—	—	3	—
Lavernock .. ..	1	1	1	—
Leckwith .. ..	—	—	—	—
Llancarfan .. ..	—	—	—	—
Lisvane .. ..	5	1	3	2
Llanedeyrn .. ..	2	—	—	—
Llanilterne .. ..	—	—	—	—
Llanfedw .. ..	—	—	2	—
Llantrithyd .. ..	—	1	—	—
Llanvithyn .. ..	—	—	—	—
Michaelston-le-Pit	1	—	1	—
Pendoylan .. ..	7	3	6	1
Penmark .. ..	—	—	6	1
Pentyrch .. ..	13	2	6	1
Peterston-s-Ely ..	2	—	—	—
Porthkerry .. ..	1	1	—	—
Radyr .. ..	9	2	7	1
Rhydygwern .. ..	—	—	2	1
Rudry .. ..	—	—	—	—
St. Andrews .. ..	14	—	11	5
St. Brides .. ..	1	—	—	—
St. Fagans .. ..	3	3	3	5
St. Georges .. ..	1	—	—	—
St. Lythans .. ..	—	—	—	—
St. Nicholas .. ..	1	1	—	1
Sully .. ..	8	1	3	2
Van .. ..	—	—	3	—
Welsh St. Donatts..	—	—	—	—
Wenvoe .. ..	4	—	—	—
Whitchurch .. ..	113	10	83	13
TOTALS .. ..	176	26	140	33

## SECTION F

### PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES

In 1956 there was a sharp drop in the number of cases of notifiable diseases occurring in the district. This decrease was on account of the considerable fall in numbers of cases of measles notified : 58 as compared with 746 in 1955.

Acute poliomyelitis cases were far fewer during this year but there were many more cases of dysentery in the district nearly all accounted for by the outbreak which occurred at Dinas Powis County Primary School.

The following notes deal with the incidence of the various notifiable diseases :

#### **Diphtheria**

Again this year there were no cases notified but this does not mean that we can afford to refrain from stressing the need for immunisation against this disease and the continuation of boosting doses on the child's first admission to school and again between 8 and 9 years of age. The Divisional Medical Officer has supplied me with the following table :—

#### **Diphtheria Immunisation 1956**

Under 5 years	5-15 years	Booster Injections
443	8	344

#### **Vaccinations against Smallpox**

Two hundred and two children were recorded as having been vaccinated, but it should be noted that this figure is based entirely on the number of cards which are sent in from medical practitioners in the area. Therefore this figure may not correspond with the actual number of vaccinations performed.

#### **Whooping Cough**

Some 24 cases were notified during the year ; this is an increase over the figure for last year when only 10 cases occurred.

#### **Scarlet Fever**

Thirty-four cases were notified and of these six were admitted to hospital the main reason was home circumstances being unsuitable for the patient to be nursed at home.

## **Anterior Poliomyelitis**

Only two cases were notified this year. Both were admitted to Cardiff Isolation Hospital where the diagnosis was confirmed. One patient was a married woman aged 44 years and the other a girl of 12 who was in the district on holiday. Fortunately in both instances the disease was of the non-paralytic type and a good recovery was made.

## **Paratyphoid " B "**

As a result of paratyphoid fever affecting a number of babies born at Church Village Hospital during September and October, 1956, it was found necessary to examine all babies who were born in the hospital and residing in the district.

Four babies were found to be infected and one unfortunately died in hospital due to a further complication. All other persons living in the same households were similarly investigated and a check was made on their occupations to ensure that there was no danger of spreading the infection.

One family living in Rudry was concerned and in addition to the baby, the father, mother, small brother and grandfather were all infected. A second family were living in Creigiau and here the mother, father, and a lodger were infected. In the third case, the baby was being cared for by foster parents who lived in Whitchurch and it was considered desirable to have the child removed to Cardiff Isolation Hospital from which it was subsequently transferred to Alltryn Isolation Hospital, Newport.

Swabs taken from other children born at Church Village Hospital and living in the Council's area were all proved to be negative but one further case, an adult contact, was traced.

All the medical practitioners in charge of the cases were kept informed of the position regarding the swabbing and co-operated very readily with the department to contain the spread of infection.

At the end of the year three children were still in hospital and are still returning positive swabs for Paratyphoid " B."

## **Dysentery**

In comparison with last year when 22 cases were reported, 1956 saw one of the largest number of cases of dysentery to be notified in the district. Over 60 of the total of 78 for the year were the result of an outbreak which occurred at Dinas Powis County Primary School.

On Thursday, 14 June, in the latter part of the morning information came to me that there were at least 19 children away from school at Dinas Powis County Primary School, Cardiff Road, Dinas Powis. Enquiries were immediately started and the symptoms were suggestive of Sonn  Dysentery. Apart from several children being involved the Headmistress of the school and one other teacher were also affected. Arrangements were made for all homes to be visited and swabs were left to be collected on Monday, 18th June.

One hundred and sixty-one swabs were taken to the Public Health Laboratory on Monday and a further 22 were taken on Tuesday and another 14 on Wednesday.

On Tuesday the 19th, now being in possession of the results of the swabs taken on the previous day, I met Dr. W. E. Thomas and Dr. D. Trevor Thomas at the school in company with the Acting Headteacher. At this stage there were 137 children away from school, the total number on the register being 206.

Forty-eight swabs had been returned on the morning of the 19th as positive and it was thought desirable that the school be closed until the following Monday.

During the closed period arrangements were made for the sanitary conveniences, desks, doors, washplaces, to be thoroughly washed down and disinfected, particular attention being paid to the sanitary blocks, where the seats, walls, floors, and flushing chains were all dealt with.

Notices were sent out to each parents informing them of the result of the examination of the swabs and in the case of children who were positive, all those who were not already under treatment the parents were advised to contact their doctor.

The doctors working in the area were notified either by telephone or letter of the nature of the outbreak and of the names and addresses of the positive cases amongst their patients.

On Monday, 25th June, the school was re-opened and the Acting Headteacher was provided with a complete list of all positive cases and was asked not to re-admit any of these cases until he was informed that they were free of infection.

All positive cases were re-visited and swabs were left at the homes of all these children. With regard to the three teachers who were involved (a third case had come to light since the initial investigation) direct contact was made with the practitioner in one instance and in the others, who were not local residents, suitable alternative arrangements were made.

One of the canteen staff who was the mother of one of the children involved was advised to remain at home until negative results were obtained from her child.

Check swabs continued to be taken of all positive cases, who received medical treatment by their family doctors until two negative results were obtained consecutively. They were then re-admitted to school unless any positive cases remained at their homes. By the 9th July only eighteen cases continued to be positive of the school children, and of the teaching staff all had returned to duty with the exception of the Headteacher who was still unwell.

On Thursday, 19th July, all staff and pupils of Dinas Powis County Primary School were supplied with swabbing outfits and requested to return the outfits on Monday, 23rd July.

These swabs were examined at the Public Health Laboratory and out of the 478 swabs submitted, 9 proved to be positive.

Further swabbing was carried out until two consecutive negative swabs were obtained from each of the nine cases.

In my opinion this outbreak was controlled in a short time by the closure of the school for a few days and the active cleansing and disinfection which was carried out at the school premises. Also by the close liaison which was kept with regard to the infected persons being treated and followed up by their own doctors.

## **Tuberculosis**

During the year there were 18 male and 9 female cases of pulmonary tuberculosis notified and one male and 4 females were notified as suffering from the non-pulmonary form of the disease.

The figure of 27 pulmonary cases and 5 non-pulmonary cases is an increase over that of last year which showed the lowest pulmonary total during the past five years. The total of 27 new cases is about the average for the past five years and as a matter of interest the following table is presented :—

Year	Pulmonary cases	Non-pulmonary cases
1950	30	3
1951	26	4
1952	29	6
1953	24	7
1954	29	2
1955	16	3
1956	27	5



The number of deaths from the disease was 8 and they were all of the pulmonary type. This result is identical with that of 1955.

Where a person dies at home from this disease it is the practice to carry out the disinfection of the room and bedding of the patient and this was done in two instances this year. The remaining 6 patients died in hospital.

### B.C.G. Vaccination

B.C.G. vaccination of school children between their thirteenth and fourteenth birthdays under the control of the Glamorgan County Council was continued in 1956 and the following children resident in our district have been given injections :—

Number of children Mantoux tested	...	149
Number of children positive ...	...	20
Number of children negative	...	129
Number of children vaccinated	...	129

### Poliomyelitis Vaccinations

A start was made during the year upon the vaccination of children in age groups selected by the Ministry of Health. This work was performed by Medical Officers under the control of the Glamorgan County Council. No figures are unfortunately available as to the number of children treated in the Cardiff Rural Area in 1956.

### Food Poisoning

Only three cases of food poisoning were brought to my notice during this period as compared with 26 in 1955. However, it should be stated that 23 of the 1955 cases were involved in one outbreak at a local hospital.

Two of the patients were husband and wife, residents of Tongwynlais, the husband being admitted to Cardiff Royal Infirmary where he remained for four days. The organism responsible for the illness was found to be *B. proteus*. The other case involved a child in a local hospital and here the disease was of unknown origin and no further suspected cases were notified.

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible with number of outbreaks of each	Foods involved with number of outbreaks of each
—	3	Nil	<i>B. proteus</i> 2 Unknown 1	Pig's Trotters

# TUBERCULOSIS

## New Cases and Mortality during 1956.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	2	1	—	—	—	—	—	—
15	2	3	—	2	—	—	—	—
25	3	4	—	—	—	—	—	—
35	3	1	—	1	1	1	—	—
45	6	—	1	—	1	2	—	—
55	2	—	—	1	1	—	—	—
65 & over	—	—	—	—	2	—	—	—
TOTALS	18	9	1	4	5	3	—	—

The Council have continued their policy of re-housing all cases of open tuberculosis who are living in unsatisfactory conditions.

In conclusion, I wish to thank members of the Council and the Chief Officials of all departments, together with the staff of the Health Department for their co-operation and assistance during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

**G. McKIM THOMAS,**

*Medical Officer of Health.*

May, 1957.





